

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047160.D
 Acq On : 28 Jul 2025 13:16
 Operator : JC/MD
 Sample : Q2693-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

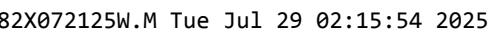
Quant Time: Jul 29 02:15:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

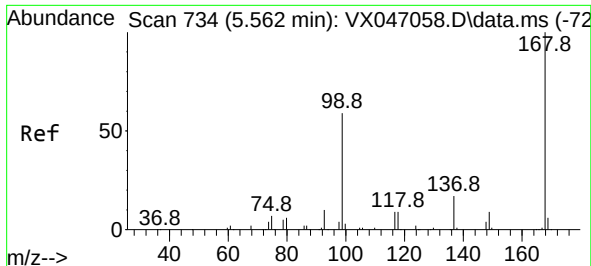
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	312397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	530955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	478257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	245775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179721	46.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.360%
35) Dibromofluoromethane	5.391	113	151842	46.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.640%
50) Toluene-d8	8.647	98	464483	43.750	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.500%#
62) 4-Bromofluorobenzene	11.079	95	218448	47.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.500%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	541	0.226	ug/l	96
6) Chloroethane	1.703	64	582	0.201	ug/l #	43
10) Methyl Iodide	2.477	142	2975	0.736	ug/l #	53
11) Tert butyl alcohol	2.959	59	242	Below Cal	#	72
14) Allyl chloride	2.709	41	4955	0.698	ug/l #	34
16) Acetone	2.392	43	4643	2.978	ug/l	91
20) Methylene Chloride	2.800	84	1441	0.336	ug/l	92
31) Cyclohexane	5.556	56	7436	1.022	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	27573	4.934	ug/l #	49
38) Carbon Tetrachloride	5.556	117	34611	5.803	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	114674	25.208	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	114674	64.945	ug/l #	8

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jul 29 02:15:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

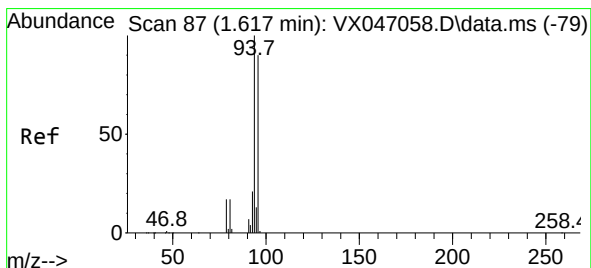
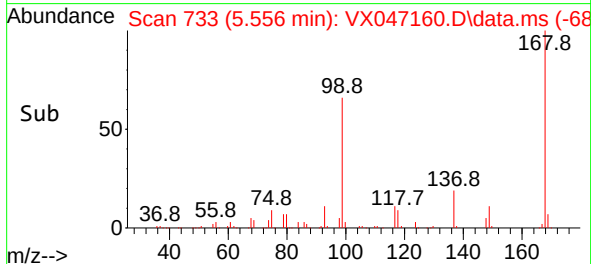
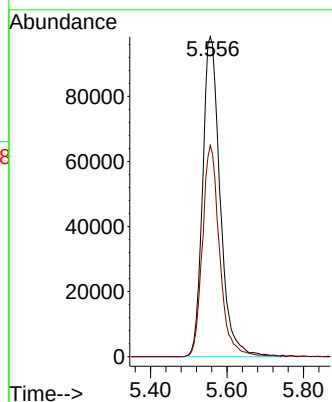
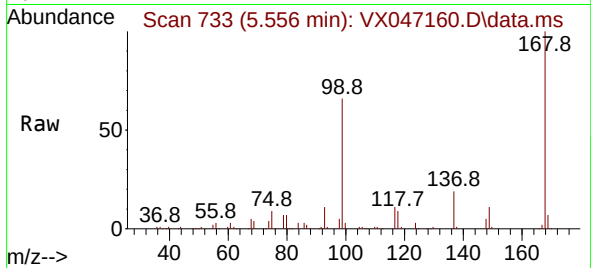




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

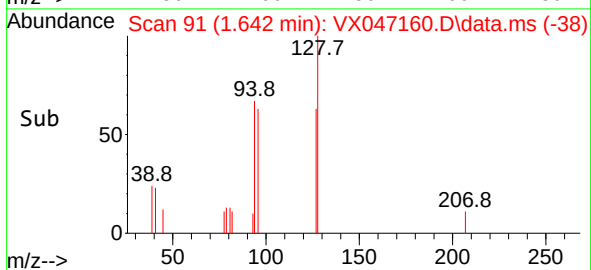
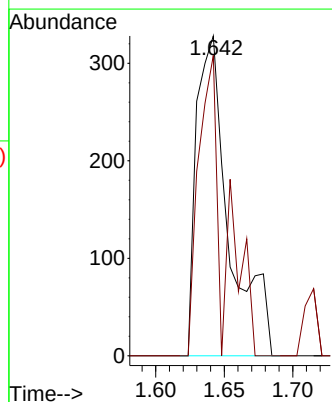
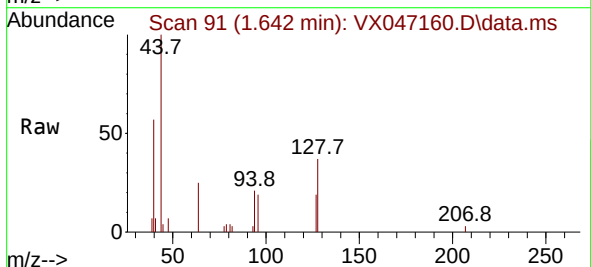
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

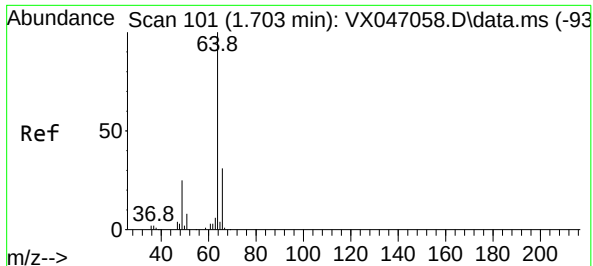
Tgt Ion:168 Resp: 312397
Ion Ratio Lower Upper
168 100
99 66.0 48.0 72.0



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.025 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 94 Resp: 541
Ion Ratio Lower Upper
94 100
96 93.9 72.3 108.5

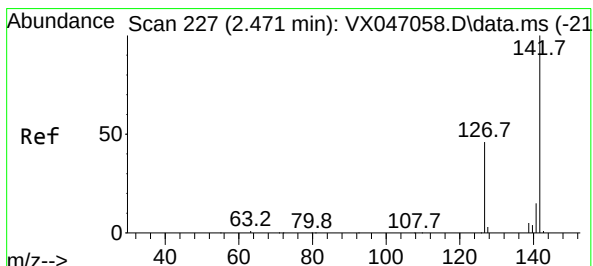
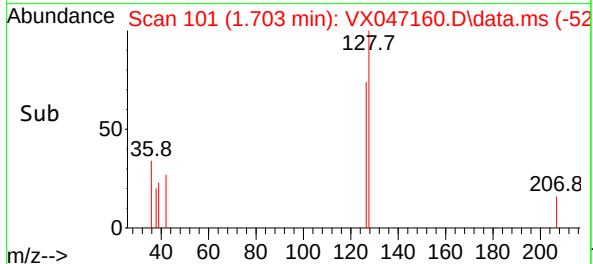
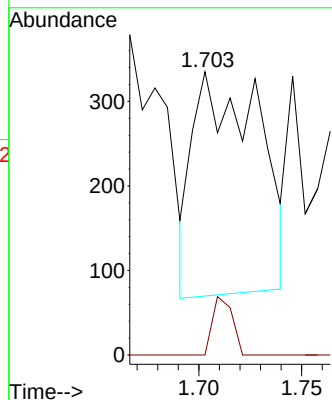
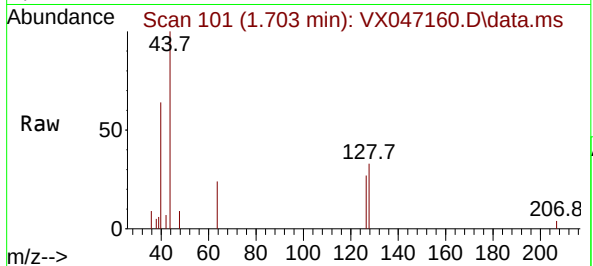




#6
Chloroethane
Concen: 0.201 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

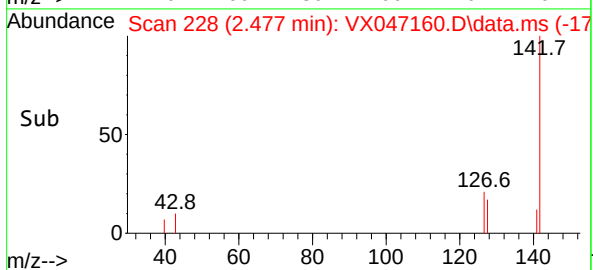
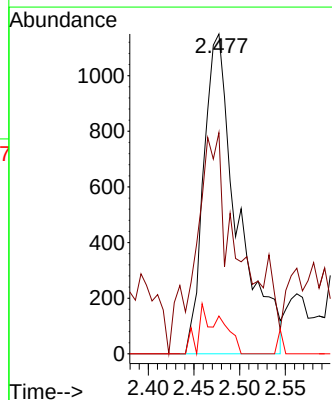
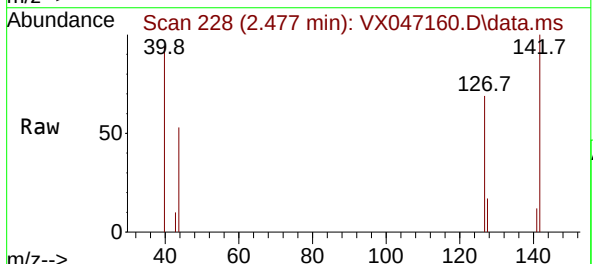
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

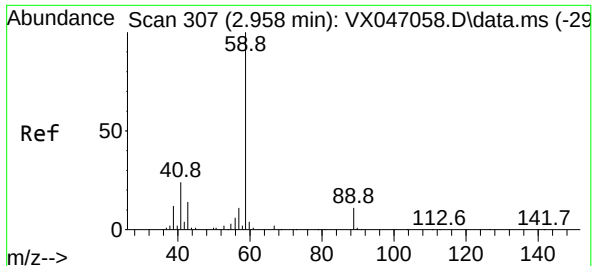
Tgt Ion: 64 Resp: 582
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#10
Methyl Iodide
Concen: 0.736 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.007 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 142 Resp: 2975
Ion Ratio Lower Upper
142 100
127 81.8 36.6 54.8#
141 5.7 10.9 16.3#

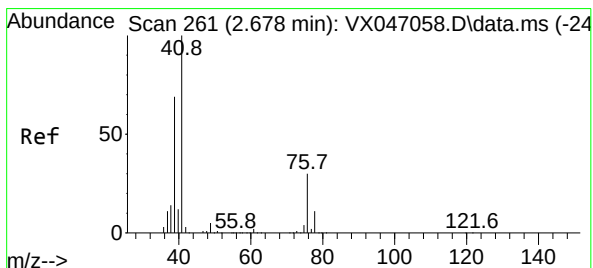
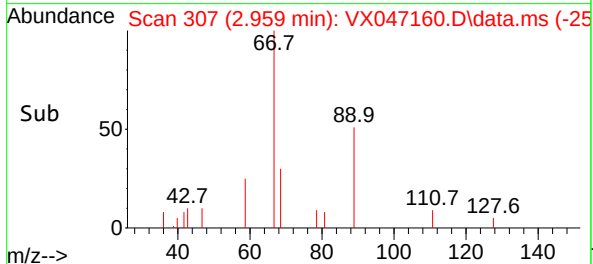
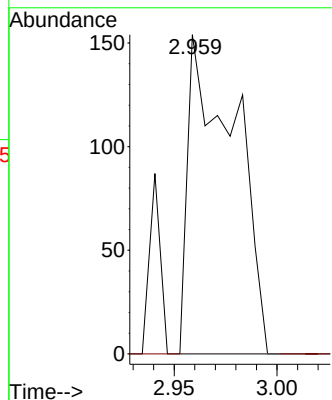
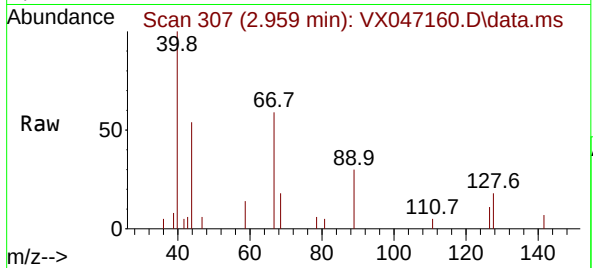




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

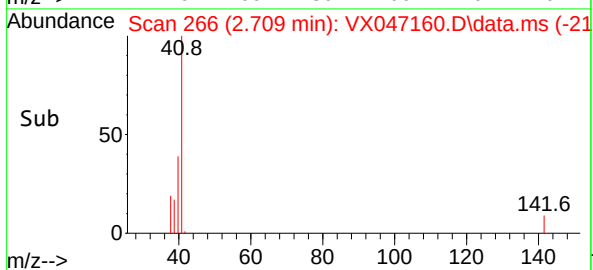
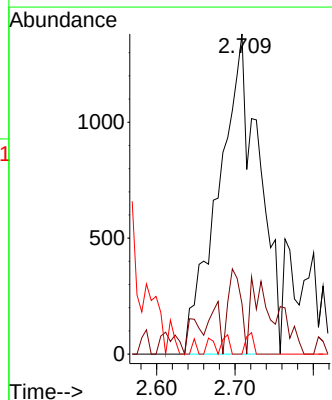
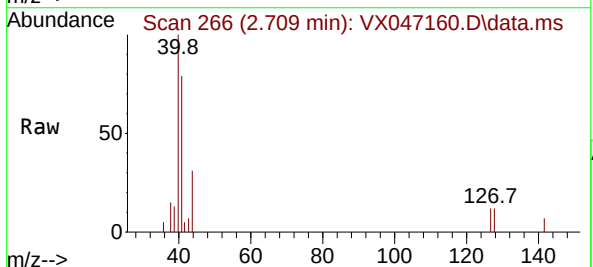
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

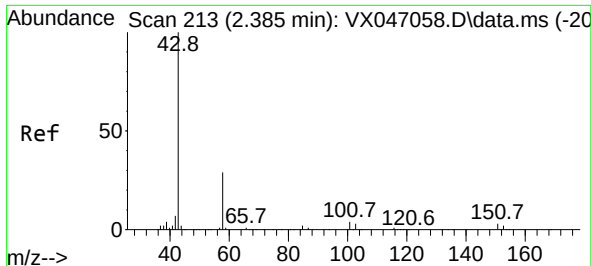
Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#14
Allyl chloride
Concen: 0.698 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.031 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 41 Resp: 4955
Ion Ratio Lower Upper
41 100
39 9.7 52.6 78.8#
76 1.2 25.7 38.5#

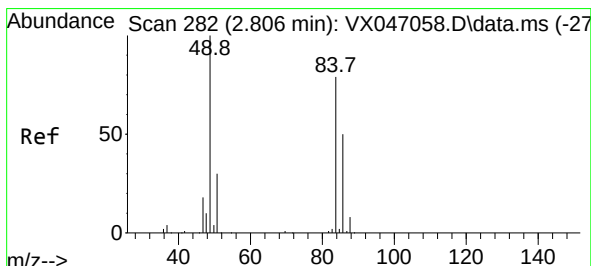
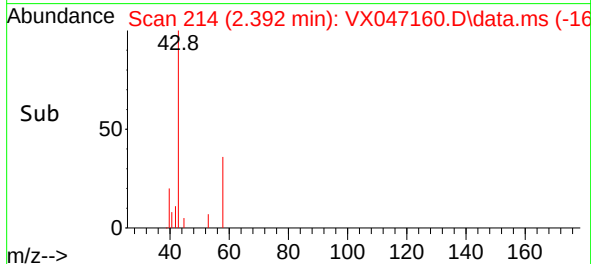
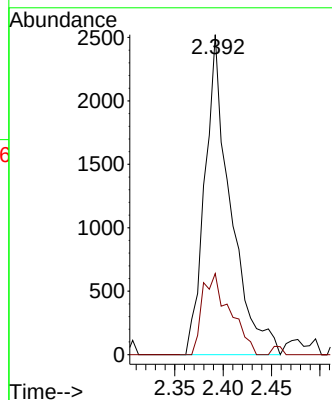
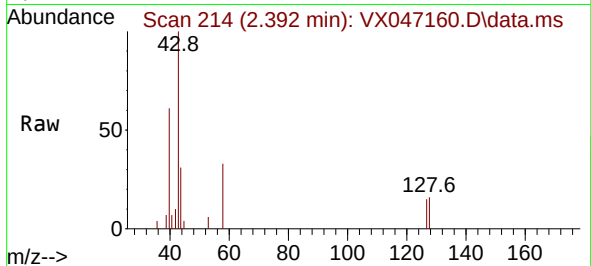




#16
Acetone
Concen: 2.978 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

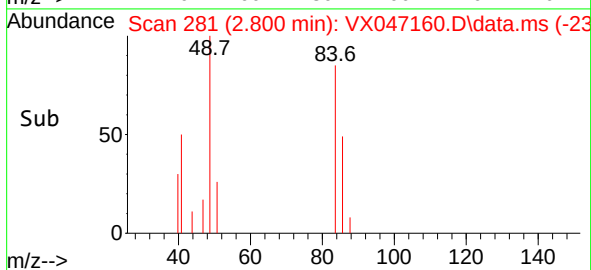
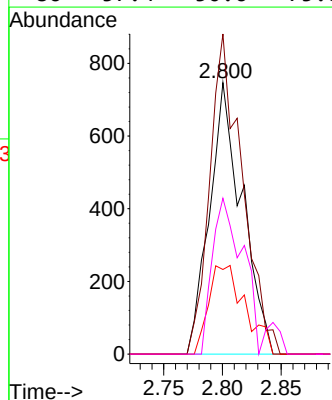
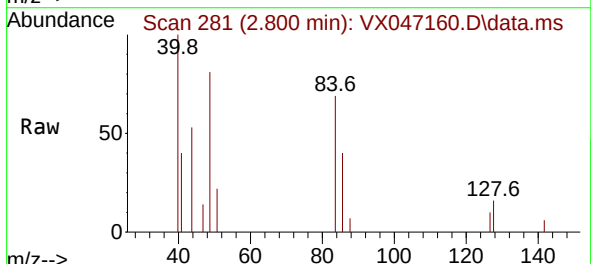
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

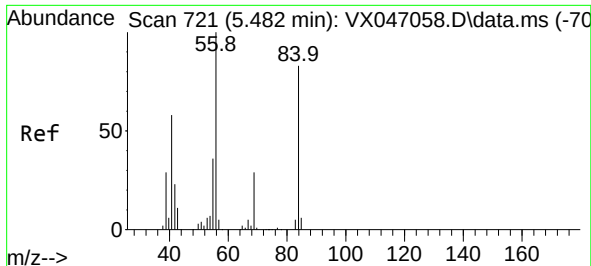
Tgt Ion: 43 Resp: 4643
Ion Ratio Lower Upper
43 100
58 25.3 24.0 36.0



#20
Methylene Chloride
Concen: 0.336 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 84 Resp: 1441
Ion Ratio Lower Upper
84 100
49 117.9 101.6 152.4
51 31.2 30.3 45.5
86 57.4 50.6 75.8

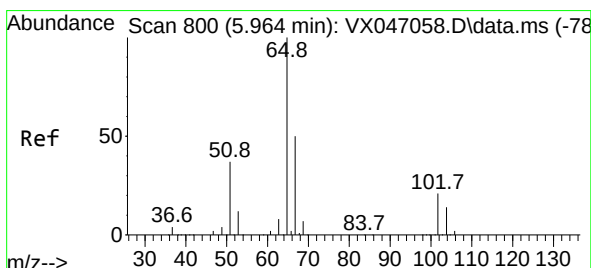
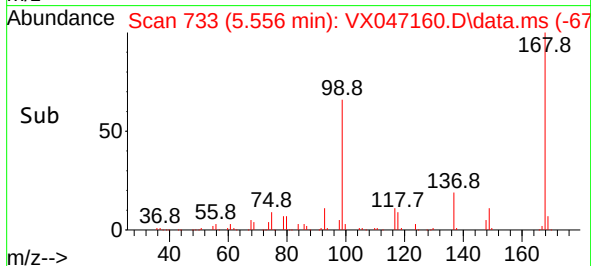
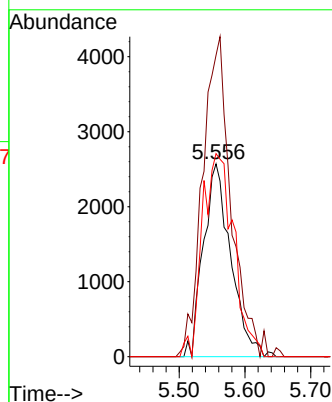
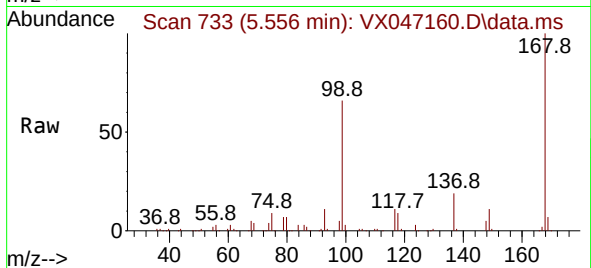




#31
Cyclohexane
Concen: 1.022 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

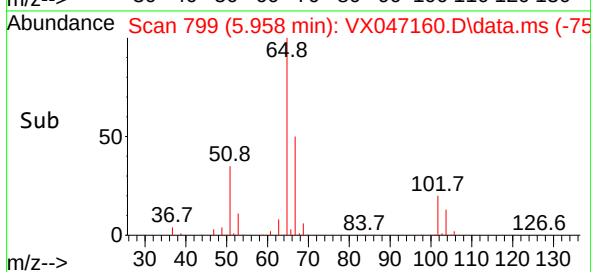
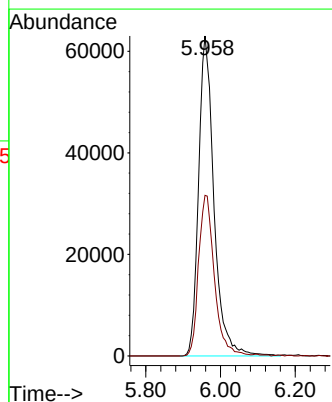
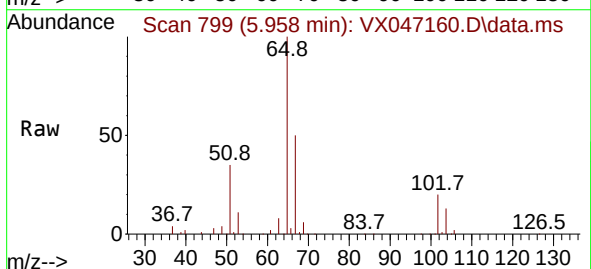
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

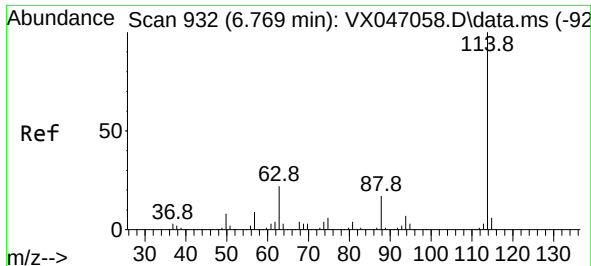
Tgt Ion: 56 Resp: 7436
Ion Ratio Lower Upper
56 100
69 154.0 23.3 34.9#
84 105.3 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 46.183 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 65 Resp: 179721
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

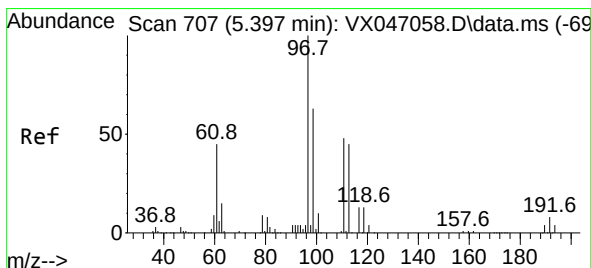
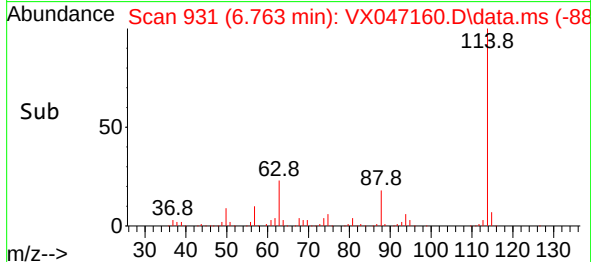
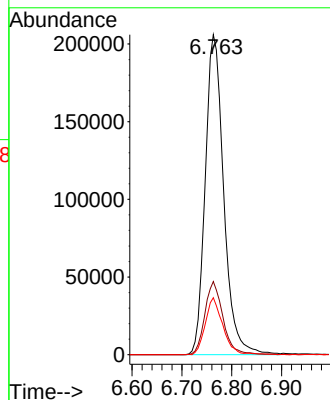
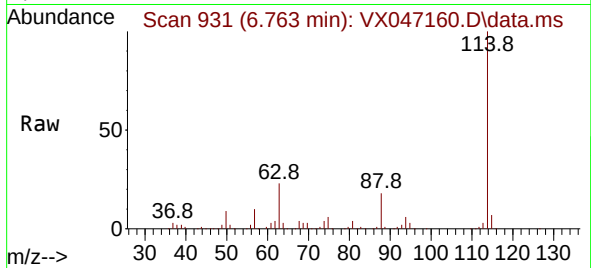




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

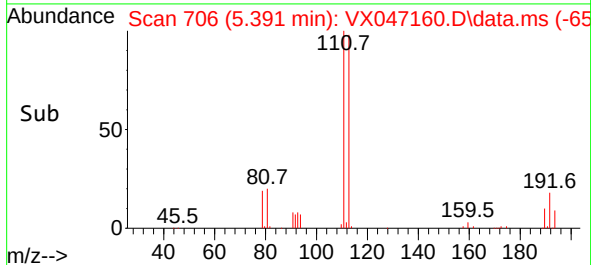
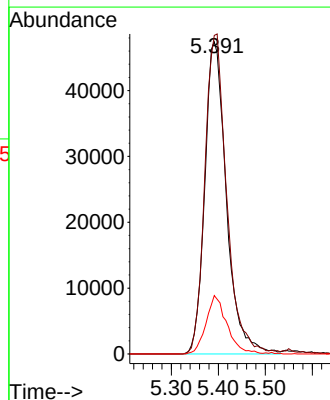
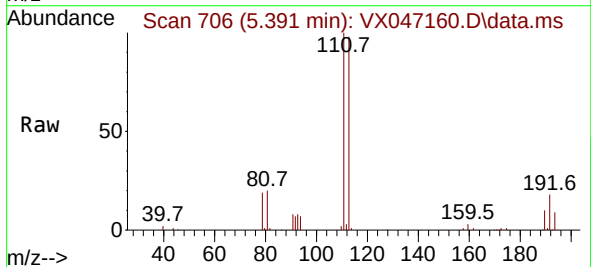
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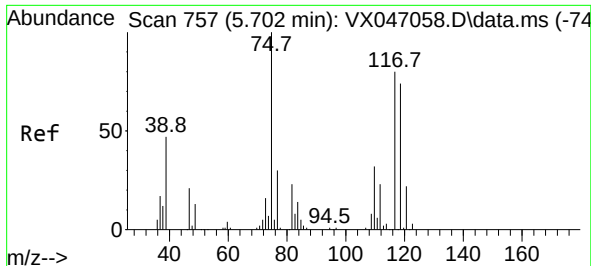
Tgt Ion:114 Resp: 530955
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.2
88 17.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.317 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion:113 Resp: 151842
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.1 14.9 22.3

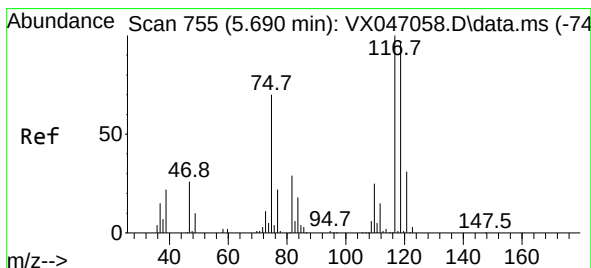
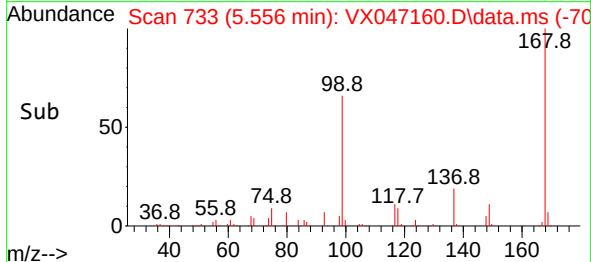
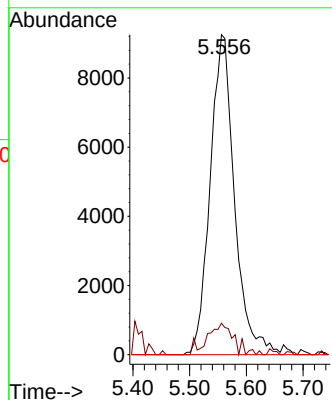
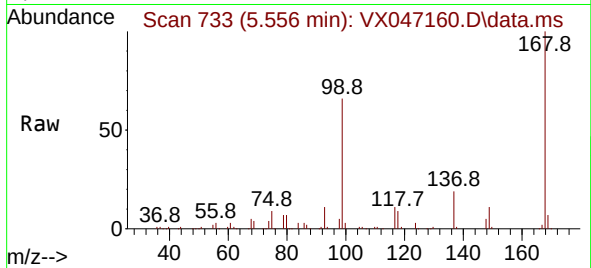




#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

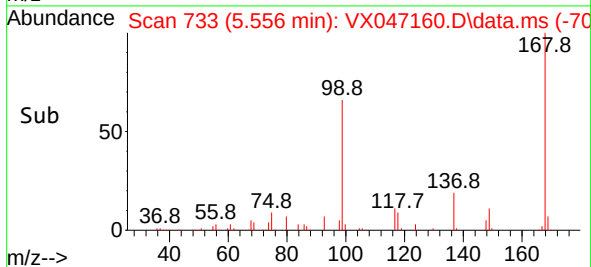
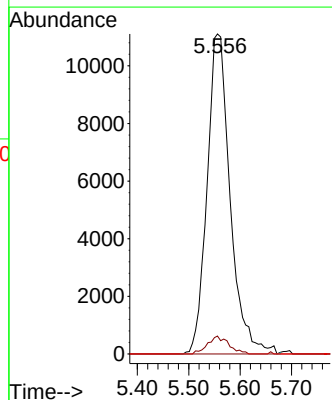
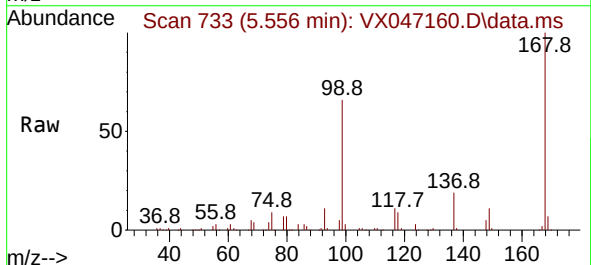
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

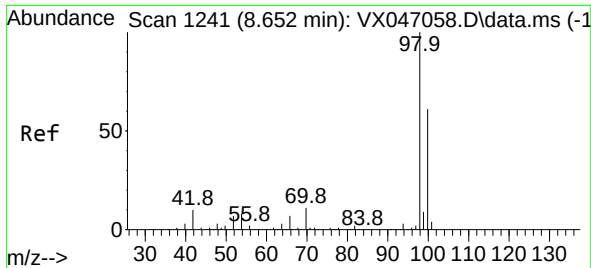
Tgt Ion: 75 Resp: 27573
Ion Ratio Lower Upper
75 100
110 7.8 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.803 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 117 Resp: 34611
Ion Ratio Lower Upper
117 100
119 5.6 76.6 115.0#
121 0.0 24.4 36.6#

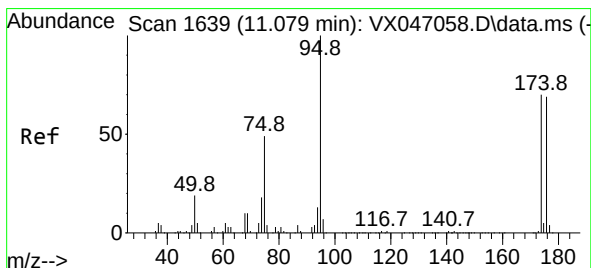
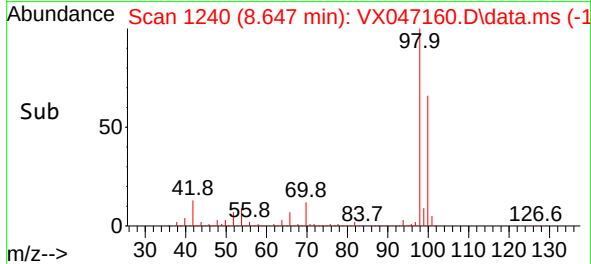
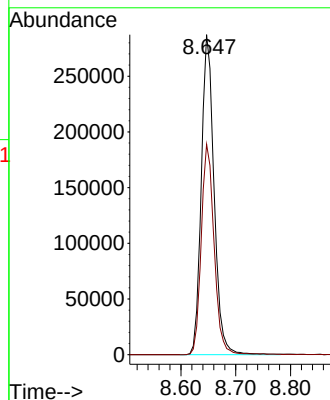
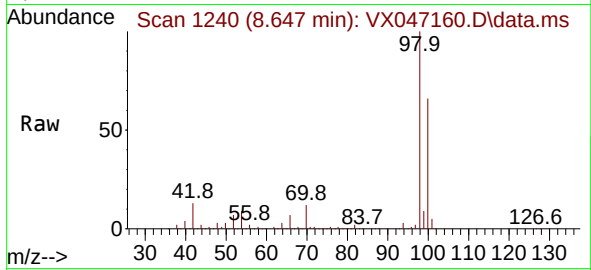




#50
Toluene-d8
Concen: 43.750 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

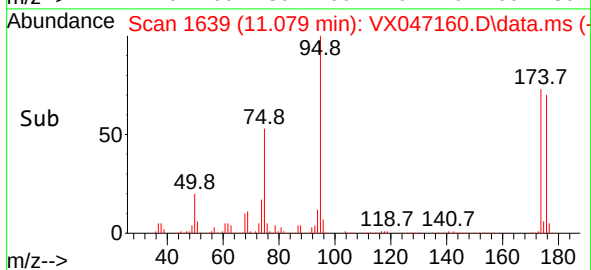
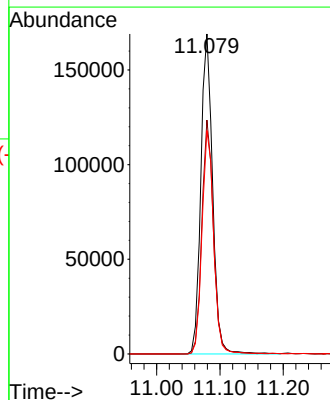
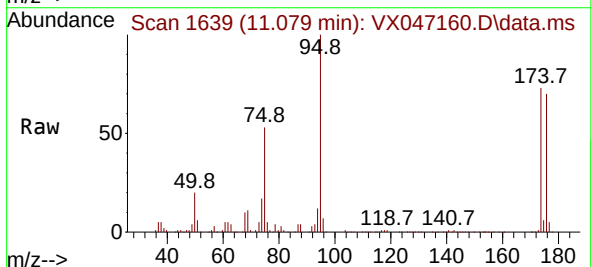
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

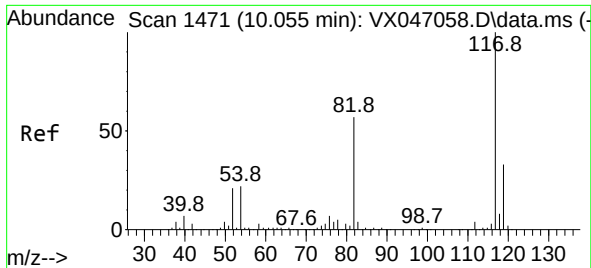
Tgt Ion: 98 Resp: 464483
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 95 Resp: 218448
Ion Ratio Lower Upper
95 100
174 72.0 0.0 144.6
176 69.2 0.0 139.6

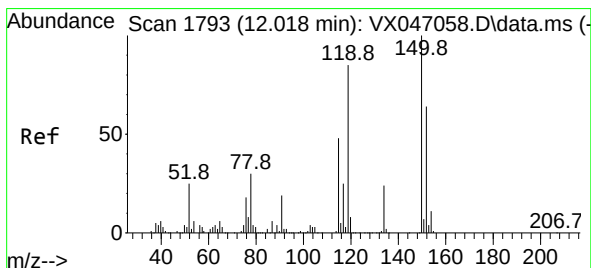
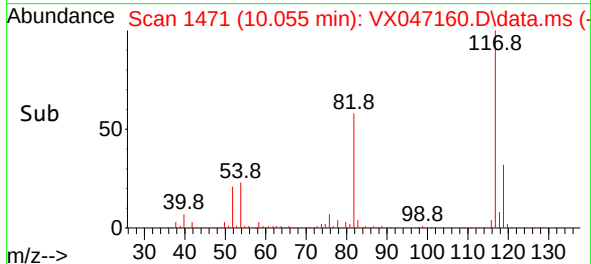
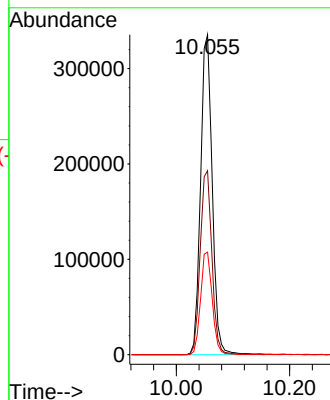
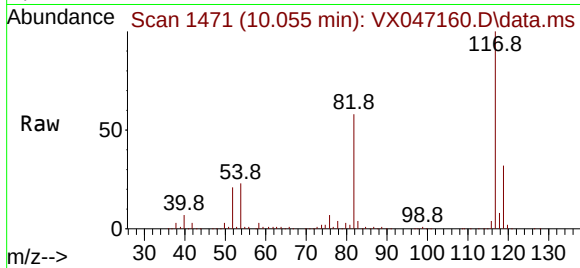




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

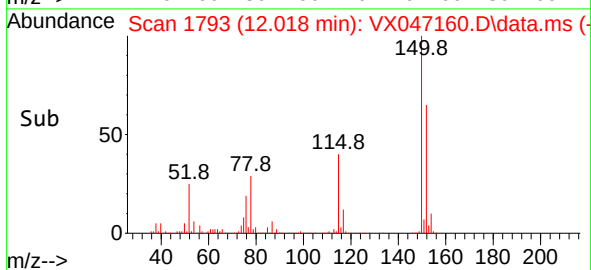
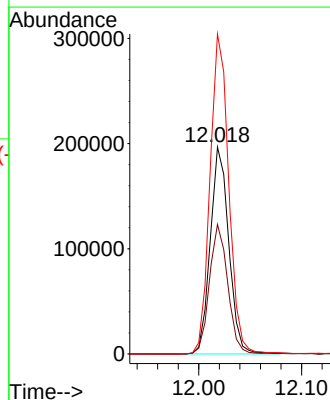
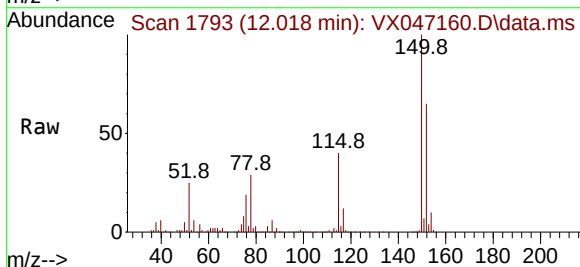
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

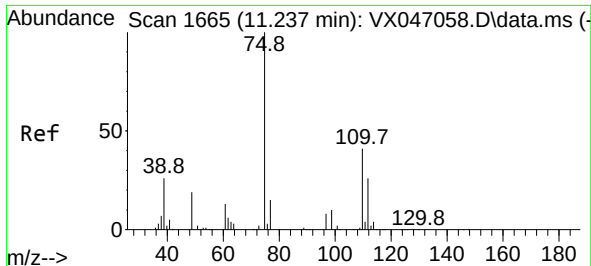
Tgt Ion:117 Resp: 478257
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion:152 Resp: 245775
Ion Ratio Lower Upper
152 100
115 62.2 45.6 136.7
150 156.7 0.0 354.6

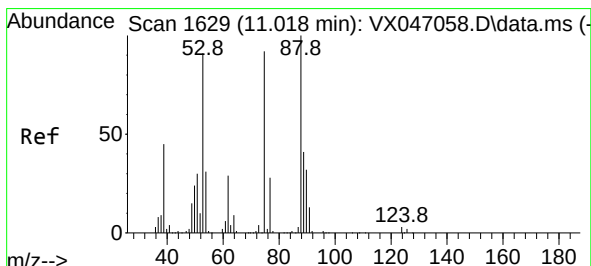
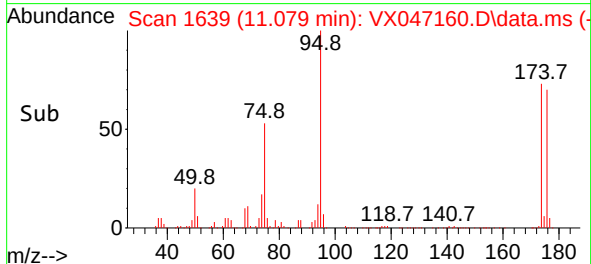
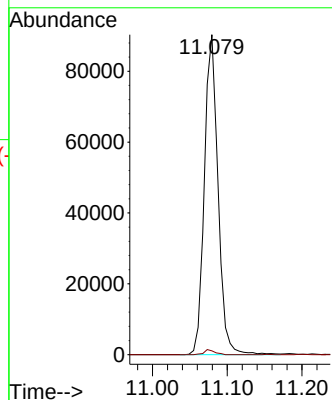
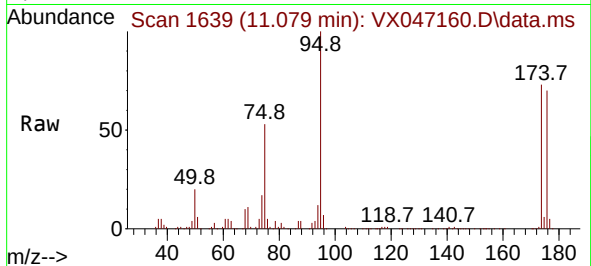




#76
1,2,3-Trichloropropane
Concen: 25.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 114674
Ion Ratio Lower Upper
75 100
77 1.2 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 75 Resp: 114674
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#

